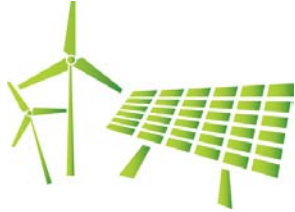


California Center for Sustainable Energy (CCSE)

A non-profit organization that serves the community by implementing energy related programs.



Renewable Energy

- California Solar Initiative
- Self-Generation Incentive



Transportation

- Clean Vehicle Rebate
- Airport Vehicle Rebate



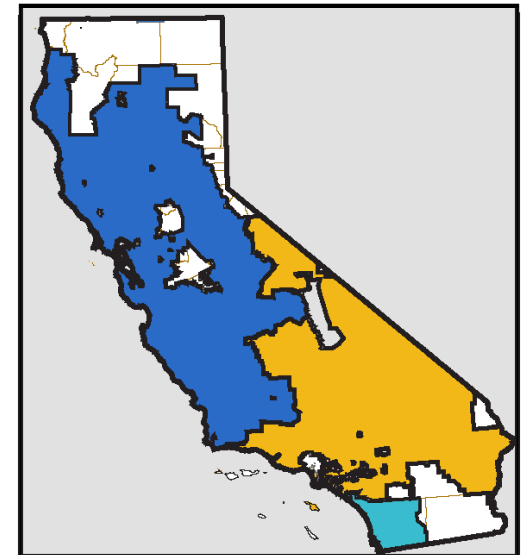
Energy Efficiency

- Energy Resource Center
- California Solar Initiative - Thermal
- Energy Upgrade California

What is the California Solar Initiative?

The California Solar Initiative (CSI) is the solar rebate program in California for customers of the investor-owned utilities - Pacific Gas and Electric, Southern California Edison, and San Diego Gas & Electric (administered by CCSE).

- \$2.1 billion program for 10 years (2007-2016) with a goal to reach 1,750 megawatts (MW) of installed solar capacity.
- Financed through utility rate-payers
- Designed for residential (retrofits only), commercial, government and non-profit sectors
- Incentivizes projects from 1kW up to 1MW



California Solar Initiative - Statewide Trigger Tracker

Last updated 11/30/2011

The California Solar Initiative (CSI) Trigger Tracker shows how many CSI megawatts (MW) worth of rebates are available in the current incentive step level. The CSI Trigger Tracker gives an indication of whether incentive levels are expected to drop imminently by showing "MW Under Review". When the "MW Under Review" exceeds the "MW Remaining", the row is bolded. When this occurs, it is likely that any new applications will receive the next (i.e. lower) incentive step level. By comparing "MW Under Review" with "MW Remaining", users can make their own estimates of when the incentives are going to decline to the next step level. **The CSI Program will be offered until the Program Administrator territory megawatt targets have been reached or until the allocated incentive budget for each Program Administrator territory has been spent, whichever occurs first.**

Administrator	Customer Class *	Current Step	Initial MW in Step	Unused MW from Previous Steps	Revised Total MW in Step	Issued Conditional Reservation Letters (MW)	MW Remaining	MW Under Review
PGE	Residential	9	41.10	0.90	42.00	5.38	36.62	2.84
	Non-Residential	8	73.20	11.73	84.93	54.59	30.33	2.82
SCE	Residential	7	32.60	0.61	33.21	12.81	20.40	1.82
	Non-Residential	8	77.10	16.82	93.92	49.34	44.57	3.55
CCSE	Residential	9	9.70	0.59	10.29	2.41	7.88	0.97
	Non-Residential	8	17.30	6.72	24.02	7.27	16.75	5.33

[Incentive MW Available by Step, by Program Administrator and Customer Class](#)

CSI Step table: CSI Rebate Levels by Incentive Step and Rebate Type

Step	Statewide MW in Step	EPBB Payments (per Watt)			PBI Payments (per kWh)		
		Residential	Non-Residential		Residential	Non-Residential	
			Commercial	Government/ Non-Profit		Commercial	Government/ Non-Profit
1	50	n/a	n/a	n/a	n/a	n/a	n/a
2	70	\$2.50	\$2.50	\$3.25	\$0.39	\$0.39	\$0.50
3	100	\$2.20	\$2.20	\$2.95	\$0.34	\$0.34	\$0.46
4	130	\$1.90	\$1.90	\$2.65	\$0.26	\$0.26	\$0.37
5	160	\$1.55	\$1.55	\$2.30	\$0.22	\$0.22	\$0.32
6	190	\$1.10	\$1.10	\$1.85	\$0.15	\$0.15	\$0.26
7	215	\$0.65	\$0.65	\$1.40	\$0.09	\$0.09	\$0.19
8	250	\$0.35	\$0.35	\$1.10	\$0.05 (a)/\$0.044 (b)	\$0.05 (a)/\$0.044 (b)	\$0.15 (a)/\$0.139 (b)
9	285	\$0.25	\$0.25	\$0.90	\$0.03 (a)/\$0.032 (b)	\$0.03 (a)/\$0.032 (b)	\$0.12 (a)/\$0.114 (b)
10	350	\$0.20	\$0.20	\$0.70	\$0.025	\$0.025	\$0.088

Statewide incentive rates can be tracked at www.csi-trigger.com

CSI-Thermal Multi-Family/Commercial Solar Water Heating Projects

Natural Gas Displacing Systems

Steps	\$ per Therm Saved	Incentive Cap
Step 1	\$12.82	\$500,000
Step 2	\$10.26	\$500,000
Step 3	\$7.69	\$500,000
Step 4	\$4.70	\$500,000

Electric/Propane Displacing Systems

Steps	\$ per kWh Saved	Incentive Cap
Step 1	\$0.37	\$250,000
Step 2	\$0.30	\$250,000
Step 3	\$0.22	\$250,000
Step 4	\$0.14	\$250,000

- For more information about the CSI-Thermal Program, please visit www.csithermal.com
- For a list of eligible contractors in your area, go to www.csithermal.com/eligible_contractors

Self-Generation Incentive Program (SGIP)

- Provides incentives for the installation of distributed generation technologies installed on the customer's side of the utility meter.
- The program was extensively changed in September 2011 as a result of implementation of California SB 412
- Program goal:
 - Primary: greenhouse gas emissions reductions
 - Secondary: peak load reduction
- Program is open until January 1, 2016.
- Budget is approved until the end of 2011. To address further funding, California AB 1150 is currently going through the regulatory process to extend funding through 2014.
- For more information about the SGIP Program, please visit www.energycenter.org/sgip

SGIP Incentive Levels^[1]

Technology Type	Incentive (\$/W)
Renewable and Waste Energy Recovery	
Wind Turbine	\$1.25
Waste Heat to Power	\$1.25
Pressure Reduction Turbine	\$1.25
Non-Renewable Conventional CHP	
Internal Combustion Engine - CHP	\$0.50
Microturbine – CHP	\$0.50
Gas Turbine – CHP	\$0.50
Emerging Technologies	
Advanced Energy Storage ^[2]	\$2.00
Biogas ^[3]	\$2.00
Fuel Cell - CHP or Electric-Only	\$2.25

SGIP incentive levels will decline annually

Max.incentive per project: \$5 mio.

Payment Structure:

- Projects < 30 kW: up-front incentive
- Projects > 30kW: 50% up-front, 50% performance-based incentive

Incentive Tiers:

- 0 MW – 1 MW: 100%
- 1 MW – 2 MW: 50%
- 2 MW – 3 MW: 25%

^[1] An additional incentive of 20% will be provided for eligible technologies from a California supplier.

^[2] Stand-alone as well as coupled with solar PV or another SGIP-eligible technology.

^[3] Adder that may be used in conjunction with fuel cells or any conventional CHP technology.

Resources

- energycenter.org – CCSE Website
- gosolarcalifornia.org – CSI Program Website
- csithermal.com – CSI Thermal Program Website
- energycenter.org/sgip – CSI Program Website
- csi-trigger.com - CSI Statewide Trigger Point Tracker
- www.californiasolarstatistics.com – CSI Program Data
- www.dsireusa.org – Database of State & Federal Incentives for Renewables and Efficiency

Thank You!

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